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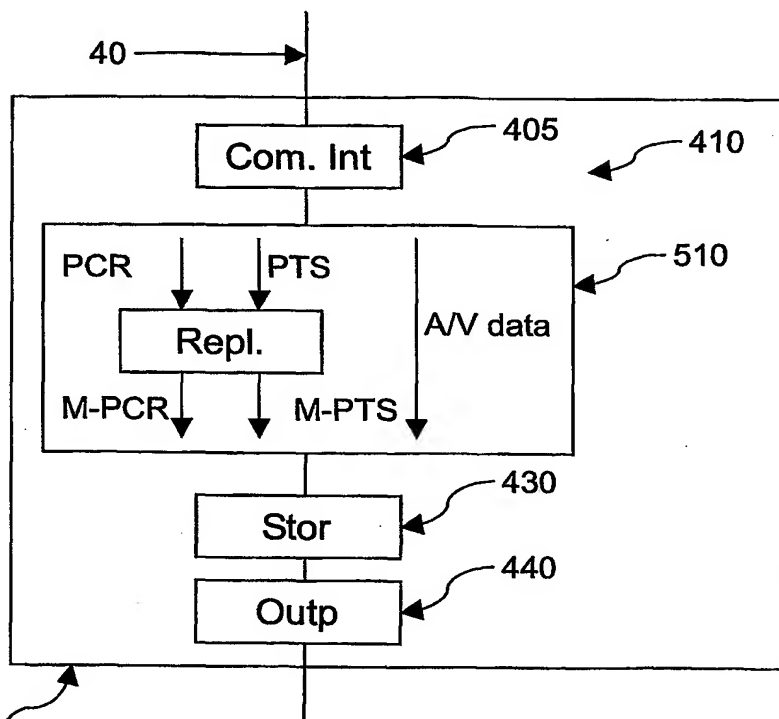
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**(54) Title: SYSTEM FOR MODIFYING THE TIME-BASE OF A VIDEO SIGNAL**



**(57) Abstract:** A storage device 500 includes an input 405 for receiving a digital video stream complying with a predetermined video encoding standard via a digital video communication system. The stream includes a sequence of digital video frames, a sequence of program clock reference stamps (PCR) and a sequence of video presentation time stamps (PTS). A time-base modifier 510 replaces the PTS's by respective modified video presentation time stamps (M-PTS) based on a constant predetermined frame time between successive presentation time stamps and replaces the PCR's by respective modified program clock reference stamps (M-PCR) by scaling the PCR's using a scaling factor that depends on a ratio of an expected time between a video presentation time stamp  $j$  and a preceding video presentation time stamp  $j-n$  and an actual time between the video presentation time stamp  $j$  and the preceding video presentation time stamp  $j-n$ , where  $j \geq n > 0$ . The expected time is  $n$  times the predetermined frame time.

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